

14. (Amended) The modification method of the resin surface layer

according to claim 1 wherein:

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a dyestuff having the sublimation properties and the affinity for the resin of the molded resin article to be coated is used as the organic compound to modify and simultaneously color the surface layer of the molded resin article.

19. (Amended) The modification apparatus for the resin surface layer

according to claim 17 which further contains:

A2
"09315 08100"
a stirring mechanism for stirring the molded resin article of a powder form.

20. (Amended) The modification apparatus for the resin surface layer

according to claim 17 which further contains:

a wind-up mechanism for winding up the molded resin article of a form selected from a textile form, a fiber form and a film form around a reception side reel from a supply side reel under reduced pressure.

24. (Amended) The coloring apparatus for the resin surface layer according

to claim 22 which further contains:

A3
a stirring mechanism for stirring the molded resin article of a powder form.

25. (Amended) The coloring apparatus for the resin surface layer according

to claim 22 which further contains:

a wind-up mechanism for winding up the molded resin article of a form selected from a textile form, a fiber form and a film form around a reception side reel from a supply side reel under reduced pressure.

26. (Amended) A molded resin article wherein its surface layer is modified

by the modification method of the resin surface layer according to claim 1.

30. (Amended) A plastic lens wherein its surface layer is modified by the

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modification method of the resin surface layer according to claim 1.

32. (Amended) A resin coat lens wherein its resin surface layer is modified by the modification method of the resin surface layer according to claim 1.

34. (Amended) A plastic film wherein its surface layer is modified by the modification method of the resin surface layer according to claim 1.

36. (Amended) A fiber wherein its surface layer is modified by the modification method of the resin surface layer according to claim 1.

38. (Amended) A plastic optical fiber wherein its surface layer is modified by the modification method of the resin surface layer according to claim 1.

40. (Amended) A molded resin article wherein its surface layer is modified with a fluorescent dyestuff having sublimation properties and an affinity for a resin of the molded resin article to be coated, by the modification method of the resin surface layer according to claim 1 to impart a fluorescent light emitting function to the surface layer.

41. (Amended) A molded resin article wherein its surface layer is modified with a photochromic dyestuff having sublimation properties and an affinity for a resin of the molded resin article to be coated, by the modification method of the resin surface layer according to claim 1 to impart a photochromic function to the surface layer.

42. (Amended) A molded resin article wherein its surface layer is modified with an organic metal compound having sublimation properties and an affinity for a resin of the molded resin article to be coated, by the modification method of the resin surface layer according to claim 1 to impart an X ray and/or electron ray and/or ray absorption function to the surface layer.

43. (Amended) A molded resin article wherein its surface layer is modified with an antibacterial or antifungal agent having sublimation properties and an affinity for a resin of the molded resin article to be coated, by the modification method of the resin surface layer according to claim 1 to impart an antibacterial or antifungal function to the surface layer.